

REMARKS

Claims 2-6 are pending in this application, of which claims 2-5 have been amended. No new claims have been added.

The Examiner has objected to the disclosure for various informalities including non-idiomatic phrases and instances of incorrect syntax appearing in the specification. Accordingly, the Abstract, specification and claims have been amended to correct these informalities.

Figs. 5 and 6 have been corrected by labeling them as "Prior Art". If approved, these corrections will be incorporated into formal drawings to be filed prior to payment of the Issue Fee.

Claims 1-4 stand rejected under 35 U.S.C. §102(b) as anticipated by DE 3429813 to Zolliker (hereinafter "**Zolliker**").

Applicants respectfully traverse this rejection.

FIGS. 5-7 of **Zolliker** fail to show the limitations contained in claims 2 and 3 of the instant application. For example, FIG. 5 fails to show any portion of the waveform of the magnetomotive force which has a "value equal to or less than 10% of a peak value in a predetermined range near an electrical angle of 0 degrees or 180 degrees", as recited in claim 1 of the instant application. Although FIGS. 6 and 7 show such a predetermined range (item "22") in FIG. 6, the waveform in FIG. 6 is a square wave shape and neither FIG. 6 nor FIG. 7 show either a sine wave shape or a step-like chevron shape, as recited in claims 3 and 4, respectively, of the instant application.

Accordingly, claim 1 has been canceled and claims 3 and 4 have been rewritten in

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independent form, while claims 2 and 5 have been amended to depend from either claim 3 or claim 4.

Thus, the 35 USC §102(b) rejection should be withdrawn.

Claims 1-4 stand rejected under 35 U.S.C. §103(a) as unpatentable over JP 7-274460 to Naito et al. (hereinafter "Naito et al.") in view of G.B. 677,941 (hereinafter "GB '941").

Naito et al. discloses a rotor formed in a magnetic anisotropic structure formed by laminating magnetic materials and non-magnetic materials to obtain a large driving torque in a synchronous apparatus having two pairs of windings (3-phase windings of the first and second windings) in the stator side. The Examiner has admitted that Naito et al. does not teach a rotor cage provided in a peripheral portion of the rotor core, but has cited GB '941 for teaching a synchronous motors including a conductive or "squirrel cage" winding comprising conductive bars 12 in a laminated sleeve 9 arranged around permanent magnet 2 to effect self starting and dampen hunting (p. 1, lines 64-95).

Both of the cited references fail to teach, mention or suggest the predetermined range recited in claims 3-4 of the instant application.

Thus, the 35 USC §103(a) rejection should be withdrawn.

Claims 5-6 stand rejected under 35 U.S.C. §103(a) as unpatentable over Zolliker or, alternatively, Naito et al. and GB '941.

Applicants respectfully traverse this rejection.

As noted above, none of the cited references teaches, mentions or suggests the limitations

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of claims 3-4.

Thus, the 35 USC §103(a) rejection should be withdrawn.


In view of the aforementioned amendments and accompanying remarks, claims 2-6, as amended, are in condition for allowance, which action, at an early date, is requested.

If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact Applicants undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

In the event that this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper, to Deposit Account No. 01-2340.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: Marked-Up Specification
 Substitute Specification
 Request for Approval of Drawing Corrections w/ Figs 5 and 6 marked in red ink
 Substitute Abstract of the Disclosure

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IN THE DRAWINGS:

Accept the proposed corrections to Figures 5 and 6 as shown in the attached Request for Approval of Drawing Corrections.